North Central State College

MASTER SYLLABUS	2026-2027

A. Academic Division: Health Sciences

B. Discipline: Practical Nursing/Associate Degree Nursing

C. Course Number and Title: RNUR1030 Pharmacology

D. Assistant Dean: Dr. Jason Tucker, Ph.D.

E. Credit Hours: 2
- Classroom: 2 hours
  - Theory Hours: 25 total clock hours

F. Prerequisite(s): BIOL2751, PSYC1010, STAT1010
Co-Requisites: RNUR1012m & RNUR1014m

G. Last Course/Curriculum Revision Date: Spring 2024 Origin date: Fall 2025

H. Textbook(s) Title:

Required:
Pharmacology and the Nursing Process
- Authors: Lilley, Rainforth-Collins, Snyder
- Copyright Year: 2026
- Edition: 11th
- ISBN #: 9780443119415

Dimensional analysis for meds: refocusing on essential metric calculations
- Author: Curren, Anna M.
- Copyright Year: 2022
- Edition: 6th
- ISBN: 9781284248623

Required: NCSC Kaplan RN – ISBN: 8780000203428
Kaplan electronic resources are required for all RN courses: RNUR 1012, RNUR 1014, RNUR 1030, RNUR 1052, RNUR 1054, RNUR 1060, RNUR 1125, RNUR 2032, RNUR 2034, RNUR 2052, RNUR 2054, RNUR 2060, RNUR 2062 & RNUR 2072 and should only be purchased once per semester.

Optional:
Davis's Drug Guide for Nurses
- Author/s: Vallerand, April Hazard; Sanoski, Cynthia A.
- Copyright Year: 2024
- Edition: 19th
- ISBN: 9781719650038

I. Workbook(s) and/or Lab Manual: None

J. Course Description: Pharmacology RNUR1030 provides an introduction to the study of drugs. This course focuses on basic drug classification, safe administration, contraindications, methods of action, and medication interactions associated with pharmacological management of clients. Foundations of basic pharmacology and math skills are explored, with emphasis placed on safe administration, no matter what the form of administration. The course incorporates the nursing process and prioritization of patient needs with special consideration to the physiological, psychosocial, cultural, and spiritual needs of the patient/client's effective drug therapy by disease and diagnosis.

K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	Dosage calculation test with analysis of findings – Quantitative Literacy VALUE rubric – Midterm

L. Course Outcomes and Assessment Methods:

End of Program Student Learning Outcomes

Upon completion of the program, graduates will be able to:

I. Utilize the principles of communication to promote client care
II. Facilitate safe care of clients using principles of evidence-based practice.
III. Model professionalism through interpersonal interaction and ethical decision making.
IV. Implement client centered care for individuals across the life span.
V. Demonstrate clinical judgement when providing client care.
VI. Collaborate with clients and the interdisciplinary healthcare team.

Following each Course Outcome, the related End of Program Student Learning Outcome(s) are indicated by the Roman Numeral(s).

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Utilize critical thinking and evidence-based practice to implement the five rights and nursing process to safely prepare and administer medications to clients. (I, II, III, IV, V)	Medication evaluation assignments Unit tests, Quizzes In class assignments Shadow Health Virtual Reality Assignments Midterm and Final Exam
2. Identify & apply knowledge of drug action, drug use, safe dosage with calculation, side effects, nursing implications and patient education for medication administration. (I, II, III, IV, V, VI)	Medication evaluation assignments Unit tests, Quizzes In class assignments Shadow Health Virtual Reality Assignments Midterm and Final Exam
3. Identify collaborative practices within the interprofessional team to prevent adverse drug administration events and medication related errors. (I, II, III, V, VI)	Medication evaluation assignments Unit tests, Quizzes In class assignments Shadow Health Virtual Reality Assignments Midterm and Final Exam

Outcomes	Assessments – How it is met & When it is met
4. Implement professional responsibilities & standards of legal/ethical practice for the nursing role related to the medication administration process for diverse populations. (I II, III, IV, V)	Medication evaluation assignments Unit tests, Quizzes In class assignments Shadow Health Virtual Reality Assignments Midterm and Final Exam
5. Interpret nurse's role in medication therapy including supervision, delegation, teaching and potential for abuse utilizing therapeutic and professional communication. (I, II, III, IV, V, VI)	Medication evaluation assignments Unit tests, Quizzes In class assignments Virtual Reality Assignments Midterm and Final Exam
6. Demonstrate competency & professionalism in safe performance of nursing procedures within current scope of practice including dosage calculations for clients of all ages. (I, II, III, IV, V, VI)	Dosage Calculation Test Midterm; Medication evaluation assignments Unit tests, Quizzes In class assignments Virtual Reality Assignments Midterm and Final Exam
7. Explain drug action and use, safe dosages, significant adverse drug reactions, drug-drug and drug – nutrient reactions and nursing implications of drugs studied. (I, II, III, IV, V, VI)	Medication evaluation assignments Unit tests, Quizzes In class assignments Virtual Reality Assignments Midterm and Final Exam

M. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93–100	A	4.00	Superior
90–92	A-	3.67	Superior
87–89	B+	3.33	Above Average
83–86	B	3.00	Above Average
80–82	B-	2.67	Above Average
77–79	C+	2.33	Average
73–76	C	2.00	Average
70-72	C-	1.67	Average
67–69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Below Average
00--59	F	0.00	Failure

N. College Procedures/Policies:

North Central State College believes that every student is a valued and equal member of the community.* Every student brings different experiences to the College, and all are important in enriching academic life and developing greater understanding and appreciation of one another. Therefore, NC State College creates an inclusive culture in which students feel comfortable sharing their experiences. Discrimination and prejudice have no place on the campus, and the College takes any complaint in this regard seriously. Students encountering aspects of the instruction that result in barriers to their sense of being included and respected should contact the instructor, assistant dean, or dean without fear of reprisal.

- *Inclusive of race, color, religion, gender, gender identity or expression, national origin (ancestry), military status (past, present or future), disability, age (40 years or older), status as a parent during pregnancy and immediately after the birth of a child, status as a parent of a young child, status as a foster parent, genetic information, or sexual orientation*

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at https://ncstatecollege.edu/documents/President/PoliciesProcedures/PolicyManual/Final%20PDFs/14-081b.pdf